

Converting Colors

RGB(166, 209, 240)

Have a look what the booklet for
RGB(166, 209, 240) contains.

RGB(166, 209, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(166, 209, 240)

Conversions

Conversions Part 1

Format	Color
Hex	A6D1F0
RGB	166, 209, 240
RGB Percent	65%, 82%, 94%
CMY	0.3490, 0.1804, 0.0588
CMYK	0.31, 0.13, 0.00, 0.06
HSL	205°, 71%, 80%
HSV	205°, 31%, 94%
XYZ	54.2545, 59.9992, 91.1596
YIQ	199.6770, -35.5790, 0.5250

Conversions

Conversions Part 2

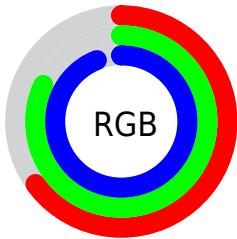
Format	Color
RYB	166, 193, 240
Decimal	10932720
CIELab	81.84, -6.95, -19.81
CIELCh	82, 20.997, 250.674
Yxy	59.9992, 0.2641, 0.2921
Android (android.graphics.Color)	4289122800 (0xFFA6D1F0)
YUV	199.6770, 19.8792, -29.5347
Hunter-Lab	77.4591, -10.5272, -15.5554

Details

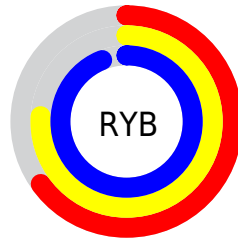
The RGB color **166, 209, 240** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **240, 197, 166**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **223, 255, 255**, and **112, 155, 184** is the 20% darker color. If you saturate the color by 10%, you get **142, 199, 240**, and if you desaturate by 10%, it is **190, 219, 240**.

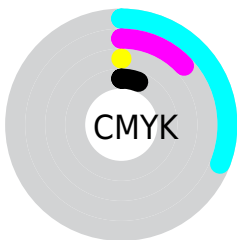
Distribution



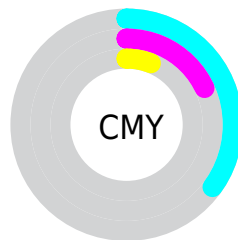
- Red (65%)
- Green (82%)
- Blue (94%)



- Red (65%)
- Yellow (76%)
- Blue (94%)



- Cyan (31%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (35%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 209, 240 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 166, 209, 240 by changing the saturation by 10% instead.

 166, 209, 240

 166, 209, 240


255, 255, 255


 139, 181, 212

 223, 255, 255

 112, 155, 184

 252, 255, 255


 86, 129, 157

 59, 104, 131

 32, 80, 106

 0, 57, 81

 0, 35, 58

 0, 14, 37

 0, 1, 14

■ 166, 209, 240

■ 166, 209, 240

■ 142, 199, 240

■ 190, 219, 240

■ 118, 189, 240

■ 214, 229, 240

■ 94, 179, 240

■ 238, 239, 240

■ 70, 169, 240

■ 255, 249, 240

■ 46, 159, 240

■ 255, 255, 240

■ 22, 149, 240

■ 0, 139, 240

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152, 213, 228



166, 209, 240



190, 203, 242

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166, 209, 240



244, 190, 197



189, 210, 173

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166, 209, 240



240, 197, 166

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211, 204, 165



166, 209, 240



242, 192, 179

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166, 209, 240



235, 191, 217



230, 198, 167



168, 214, 190

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166, 209, 240



208, 198, 237



230, 198, 167



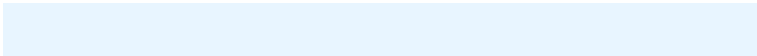
197, 208, 169

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



166, 209, 240



232, 245, 255



166, 240, 197



113, 122, 128



0, 0, 0



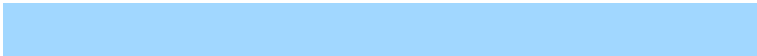
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166, 209, 240



161, 215, 255



166, 172, 240



108, 115, 120



0, 107, 184



0, 33, 56

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



240, 166, 209



255, 161, 215



240, 234, 166



120, 108, 115



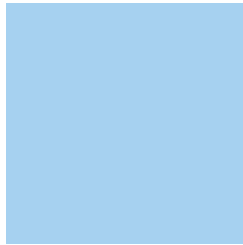
184, 0, 107



56, 0, 33

Previews

White Background



This preview shows how the RGB color 166, 209, 240 looks on a white background.

Color Contrast Check

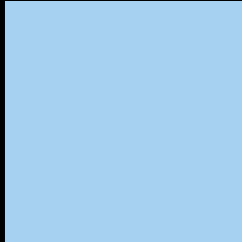
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 166, 209, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

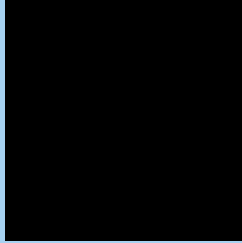
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 166, 209, 240 Background



This preview shows how black text looks on a background with the RGB color 166, 209, 240.

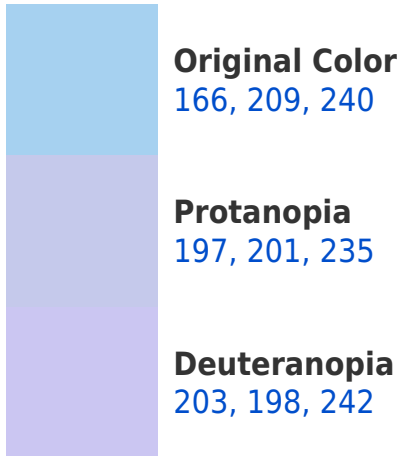


This preview shows how white text looks on a background with the RGB color 166, 209, 240.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

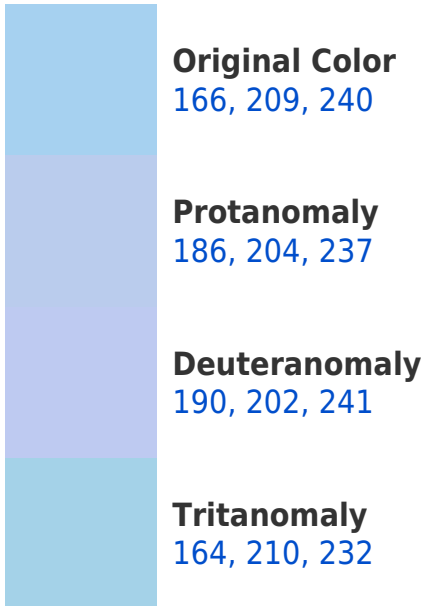
Dichromacy



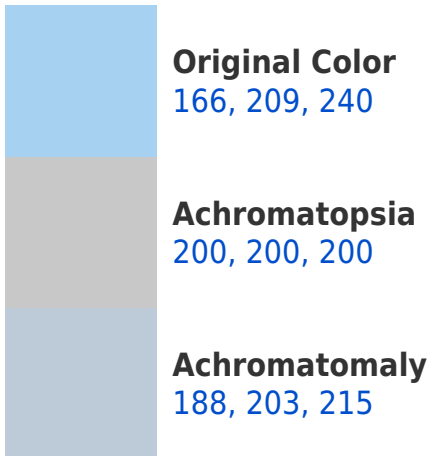


Tritanopia
163, 211, 228

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 209, 240 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 209, 240)` looks like.

```
.text, #text, p{  
    color:rgb(166, 209, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 209, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 209, 240) }
```

Border

The CSS property to change the border of an element to RGB 166, 209, 240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 209, 240) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(166, 209, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(166, 209, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 209, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 209, 240);  
box-shadow:4px 4px 4px 4px rgb(166, 209,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 166, 209, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 209, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166,  
209, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor